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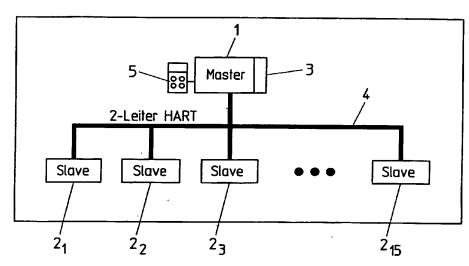
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(54) Title: METHOD AND SYSTEM FOR AUTOMATED CONFIGURING OF A HART MULTI-DROP SYSTEM



(57) Abstract: The invention relates to a method of automatically configuring a HART multidrop system comprising a master device (1) and a plurality of slave devices (2₁, ..., 2₁₅) connected to said master device (1). The invention also relates to a HART multidrop system customized for the implementation of the method according to the present invention. The method according to the present invention has the following steps: a) connecting the slave devices (21, ..., 215) to the master device (1), b) switching on the power source (3) for the slave devices (2₁, ..., 2₁₅) in the master device (1); c) transmitting the HART command "Write polling address" as a broadcast command from the master device (1) with a polling address not equal to zero causing all slave devices (21, ..., 215) connected to the master device (1) to be automatically switched to the multidrop mode and all slave devices $(2_1, \dots, 2_{15})$ to obtain an identical address not equal to zero, d) changing the addresses for all slave devices (21, ..., 215) from an identical address to a unique address for each slave device $(2_1, \dots, 2_{15})$.

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